

## CLAIM OR CLAIMS

### WHAT IS CLAIMED IS:

1. A method of indicating and manipulating a zoom region within a long data record comprising:
  - displaying the long data record as a displayed waveform;
  - in response to zoom data which defines a location and scale for the zoom region, displaying a zoom region indicator representing the zoom region with the displayed waveform, the zoom region indicator having an associated marker which spans the zoom region and has at least a minimum length;
  - displaying a portion of the displayed waveform defined by the zoom region as a zoomed waveform; and
  - manipulating the zoom region by moving the associated marker with a pointer device to display other portions of the displayed waveform as the zoomed waveform.
2. The method as recited in claim 1 wherein the zoomed waveform displaying step comprises displaying the zoomed waveform in a different color from one used to display the displayed waveform with the zoom region indicator also being displayed in the different color.